

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: October 4, 2006

Inspector: Lee Curtis, Susan Infalt, BSC Group

Location: 345kV XLPE Component

Storm/

Rain Event: According to accuweather.com, 0.45" of rain were recorded on 10/1 and 0.25" were recorded on 10/4 (Data from NOAA is still incomplete).

Areas of Inspection	Observation	Recommended Action	Corrective Action
Access Roads and Adjacent Roadways	<ul style="list-style-type: none"> -At the jack and bore of East Swamp Brook, the jacking pit area is well restored with good grass cover. 10/04/06. - A small area along the ball park access drive remains disturbed due to trailer parking. 8/16-10/04/06 - Restoration had occurred at vault 2 and the area was mulched. All adjacent roadside areas are in good shape. 10/04/06 - Restoration had occurred along the vault access areas on Whittlesey Drive. 10/4/06 	<ul style="list-style-type: none"> - The area was well restored. Continue to monitor for final stabilization. 10/04/06. - Restore this adjacent area if feasible. This may have been the pre-existing condition of the area. 9/20-10/04/06 - Some grass growth was noted. Continue to monitor for stabilization in all areas. 10/04/06 - Continue to monitor for stabilization in all areas. 10/04/06 	<ul style="list-style-type: none"> - Good grass growth continues - Restore if necessary. - Grass growth was noted. - Vault areas were restored.
Trench and foundation construction	<ul style="list-style-type: none"> -Vault access was not noted during the inspection. Active work appears complete on this section of the project. 10/04/06 	<ul style="list-style-type: none"> -Restore areas as necessary. 10/04/06 	<ul style="list-style-type: none"> - N/A

Areas of Inspection	Observation	Recommended Action	Corrective Action
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> - The restored jack & bore area had good grass cover. The erosion control matting remains in good shape. 10/04/06 - The area surrounding vault 2A&B has been restored and mulched with hay. 9/29-10/04/06 -The erosion control blankets remained in place along the streambank. Vegetation remains sparse along the banks. 9/13-10/04/06 - The lawn area along the ball park access continues to have good grass cover and silt fence is in good shape. 10/04/06 - Vault 5 (in residential lawn) is stabilized with well established grass cover and was landscaped. 10/4/06 	<ul style="list-style-type: none"> -Continue to monitor for final stabilization but the area is in very good shape. 10/04/06 -Continue to monitor for successful vegetative growth and final stabilization. 10/04/06 -Continue to monitor until vegetation has established. 8/16-9/29/06 Consider adding more grass seed along the bank to get some cover. Fall seeding should generally be completed by Oct 15. 9/13-10/04/06 - Grass cover has quickly established. Silt fence could be removed when feasible. 10/04/06 - This area appears to be stabilized. 10/04/06 	<ul style="list-style-type: none"> -Grass growth continues. -The area was restored. -May need attention before the end of the growing season. -N/A - Grass cover is established and trees were planted.
Inland Wetland and Watercourse encroachment and mitigation	<ul style="list-style-type: none"> -The banks of East Swamp Brook remain in good shape but could use additional vegetation. 9/7-10/04/06 	<ul style="list-style-type: none"> -Continue to monitor until final stabilization and consider adding grass seed for cover. 9/7-10/04/06 	<ul style="list-style-type: none"> May need attention prior to the end of the growing season
State species of concern, threatened and endangered species	<ul style="list-style-type: none"> -The D&M plan and clearance letter states that state-listed species are not located in this work area however, -The wood turtle was noted at Plumtree Substation during the 5/25/06 inspection. 	<ul style="list-style-type: none"> - N/A -345kV XLPE crews should also be performing daily walkthroughs before moving equipment if working in this vault.. 4/26-10/04/06 	<ul style="list-style-type: none"> -N/A - N/A

Areas of Inspection	Observation	Recommended Action	Corrective Action
Vegetative clearing limits (including trees to save or danger trees noted)	<ul style="list-style-type: none"> - Most restored areas have noticeable grass growth. 8/24-10/04/06 - Vault areas along Whittlesey Dr were restored. 10/4/06 - Vault 2 was restored and mulched with hay. 10/04/06 - The area near vault 5 was recently landscaped with saplings. 10/04/06 - The jacking pit pad was fully restored and grass cover was becoming well established. 10/04/06 	<ul style="list-style-type: none"> - Continue to monitor for stabilization. 8/16-10/04/06 - Continue to monitor final stabilization. 10/04/06 - Area is restored well. 10/04/06 - Continue to monitor but the area is quickly stabilizing. 10/04/06 - Continue to monitor but the area is quickly stabilizing. 10/04/06 	<ul style="list-style-type: none"> - All vault areas were restored. -Area was restored -Good grass cover was noted. - Trees were planted - Grass growth continues
Dewatering	<ul style="list-style-type: none"> - Dewatering was complete. 10/04/06 	<ul style="list-style-type: none"> - None. 10/04/06 	<ul style="list-style-type: none"> - N/A
Soils	<ul style="list-style-type: none"> - Topsoil was being graded out at the contractor yard. The area was demobilized. 10/04/06 	<ul style="list-style-type: none"> - None at this time. Controls are well installed here. 3/15-10/04/06 	<ul style="list-style-type: none"> - N/A
Spills and Material Storage Areas	<ul style="list-style-type: none"> - Equipment should be stored overnight up to 100ft or as far from resource areas where practicable. 1/19-10/04/06 - The contractor trailer and yard were demobilized. 10/4/06 	<ul style="list-style-type: none"> - Report spills immediately, even if they are being controlled. - Any fuels and agents not in use should be covered and stored before leaving for the day. - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. 	<ul style="list-style-type: none"> -N/A at the time

Next likely scheduled inspection:

Friday October 13, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden for Lee Curtis, Susan Infalt, BSC Group



345kV XLPE: Photo on the left shows topsoil being graded out at the demobilized contractor yard in the Bethel Ed Park. Photo on the right shows the vault 5 area with well established grass cover and recently landscaped trees. 10/04/06



Photo on the left shows good restoration efforts (seed and mulch) in vault access areas. Photo on the right shows the jacking pit side at the jack & bore following restoration. Grass cover is establishing well and the erosion control matting remains in good shape. 10/04/06



Photo on the left shows the stream bank with patchy vegetation returning. Additional seed or cover may be necessary prior to the end of the growing season. Oct 15 is generally recommended as the end of fall seeding. Photo on the right shows the restored area in the ball-park with increasing grass cover. 10/04/06.



Photo shows restoration efforts at vault 2. Little grass growth was noted here. 10/04/06